



PROJECT 5.6
**DIGESTATE DISTRIBUTION FOR LARGE BIOGAS
PLANTS; STORAGE AND TRANSPORT**

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UNIVERSITÄT
DUISBURG
ESSEN

Open-Minded



INTRODUCTION RESEARCHER IN CHARGE

EDUCATION

- Technical Engineer in Forestry
- Master of Sciences in Environmental Sciences

PROFESSIONAL EXPERIENCE

- Technical assistant in a Biogas pilot plant (Murcia, Spain)
- Project officer Biogas company (Madrid, Spain)
- Project officer Tipperary Energy Agency (Cahir, Ireland)
- Project officer Biogas company (Spain and Netherlands)



OBJECTIVES

- The main aim of this thesis is study the digestate distribution; storage and transport. Other goals:
 - To study different types of digestate storage and distribution systems all over Europe
 - To evaluate advantages and disadvantages of each type of storage and transport
 - To study the different treatments to reduce the volume of the digestate and the nitrogen amount.
 - To determine distribution models

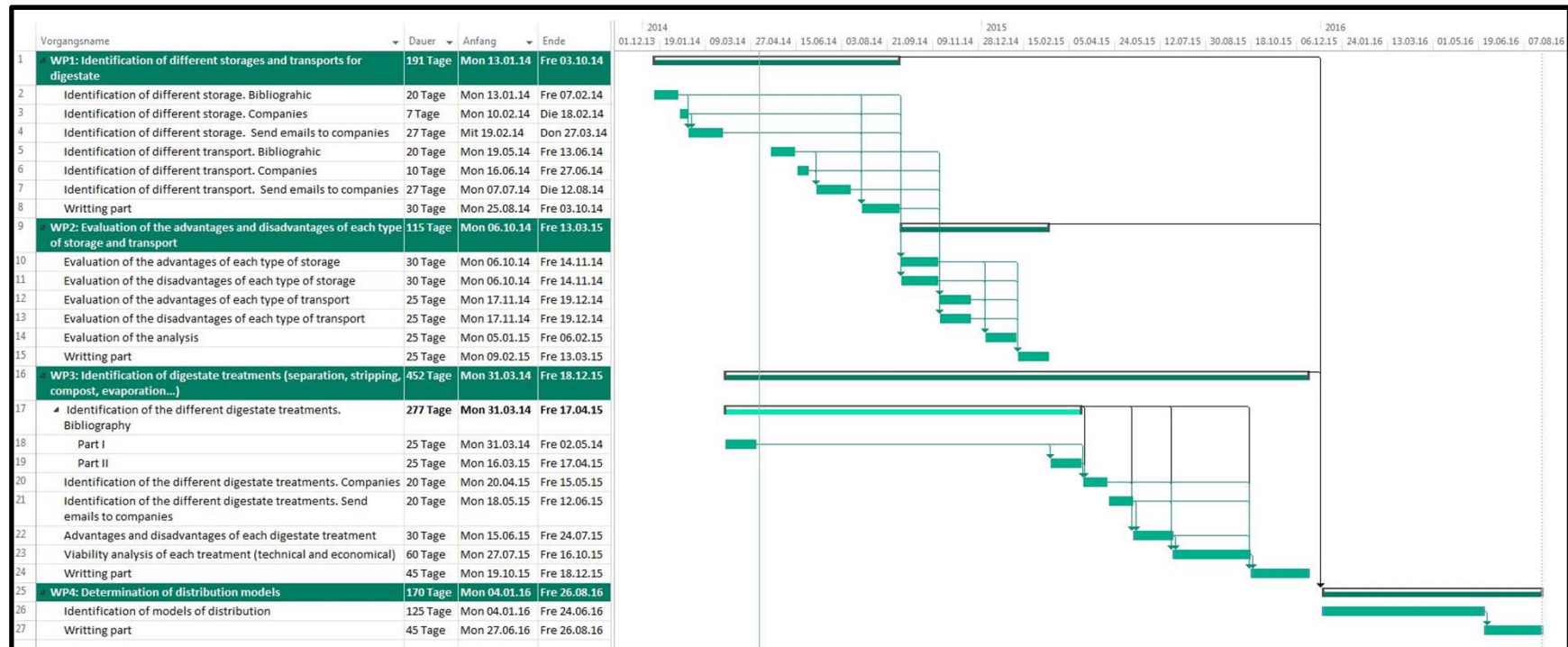


METHODOLOGY

- The project is organized in different work packages, which are:
 - **WP1:** Identification of different storages and transports for digestate
 - **WP2:** Evaluation of the advantages and disadvantages of each type of storage and transport
 - **WP3:** Identification of digestate treatments (separation, stripping, compost, evaporation...)
 - **WP4:** Determination of distribution models



STATUS



CONTACT

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